

## ABSTRACT OF THE DISCLOSURE

An image processing apparatus for processing complementary color image data output from an image capturing element including a complementary-color filter is provided. The apparatus comprises a middle-high-range luminance component compensation section for compensating for a middle-high-range luminance component of a low-frequency luminance signal generated based on the complementary color image data such that the low-frequency luminance signal has substantially an ideal frequency characteristic which is lower than or equal to a predetermined frequency.